

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

1. (Currently Amended) An α_2 -antiplasmin cleaving enzyme, comprising:
a purified protein having a molecular weight of about 180 kDa ~~in a~~
~~dimeric form~~ as determined by SDS-PAGE in a dimeric form,
wherein each subunit of the dimeric form has a molecular weight
of about 97 kDa ~~as determined by SDS-PAGE~~(SDS-PAGE), and has
~~an N-terminal sequence having an N-terminal amino acid and~~
~~wherein the N-terminal sequence is SEQ ID NO:1 and the~~ has an
N-terminal amino acid consisting of is-isoleucine as set forth in SEQ
ID No.: 1, and ~~the~~ said protein further comprising internal
sequences ~~comprising~~ as set forth in SEQ ID NO:4, SEQ ID NO:5,
SEQ ID NO:6, SEQ ID NO:7, and SEQ ID NO:8, and wherein the
enzyme cleaves precursor α_2 -antiplasmin at the pro12-asn13 bond.
2. (Original) The α_2 -antiplasmin cleaving enzyme of claim 1 having an
optimum activity at pH=7.5 \pm 0.2.
- 3 - 21. (Withdrawn)